

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7    C07C2/18    C07C2/12    C07C2/70    C07C2/66		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7    C07C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, CHEM ABS Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 3 864 346 A (CHILD EDWARD T ET AL) 4 February 1975 (1975-02-04) figure 1 column 1, line 15 - line 37 column 2, line 64 - column 3, line 13 claim 3 <div style="text-align: center; margin-top: 20px;">           -----            -/--         </div>	1,5,8,18
<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex</span> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>* Special categories of cited documents</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 48%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>*G* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  <div style="text-align: center; font-size: 1.2em;">30 May 2005</div>		Date of mailing of the international search report  <div style="text-align: center; font-size: 1.2em;">13/06/2005</div>
Name and mailing address of the ISA European Patent Office, P B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer  <div style="text-align: center; font-size: 1.2em;">O'Sullivan, P</div>

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CAVANI F ET AL: "EFFECT OF WATER IN THE PERFORMANCE OF THE SOLID PHOSPHORIC ACID CATALYST FOR ALKYLATION OF BENZENE TO CUMENE AND FOR OLIGOMERIZATION OF PROPENE" APPLIED CATALYSIS A: GENERAL, ELSEVIER SCIENCE, AMSTERDAM, NL, vol. 97, no. 2, 23 April 1993 (1993-04-23), pages 177-196, XP001034799 ISSN: 0926-860X cited in the application page 178, paragraph 5 page 180, line 34 - line 35 -----	1-18,21, 22
X	US 2 681 374 A (BETHEA SAM R) 15 June 1954 (1954-06-15) column 1, line 1 - line 5 column 3, line 3 - line 37 column 5, line 45 - line 54 -----	1
A	US 4 018 846 A (MAYER IVAN) 19 April 1977 (1977-04-19) column 2, line 50 - column 3, line 6 claim 1 -----	1-22
A	US 5 672 800 A (BAES MARLEEN AUGUSTA ET AL) 30 September 1997 (1997-09-30) cited in the application claim 1 -----	1-22

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